

ABSTRACT

A bonding device is for bonding an object to be bonded under pressure to a surface to be bonded by allowing a load and vibration to act on the object to be bonded. The bonding device includes a bonding tool 14 abutting on the object to be bonded, and a pressing unit pressing the bonding tool to the object to be bonded. The bonding tool includes a traverse elongated horn, a vibrator 17 applying a longitudinal vibration to the horn 15 in a first direction along the longitudinal direction of the horn a protruding part 30 protruding from the horn in a second direction substantially perpendicular to the first direction, a bonding operation part 31 provided in the end part of the protruding part 30 to abut on the object to be bonded, and a heating unit inserted into a mounting hole provided in the horn. The heating unit is mounted into the mounting hole with a space maintained from the inner surface of the mounting hole.